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ABSTRACT

A library survey was conducted during February 1983 to ascertain the characteristics of the user population, user needs, and user satisfaction with library services in five science and technology libraries at the University of Texas at Austin, including the chemistry, engineering, geology, physics-mathematics-astronomy, and science libraries. A random sample of 900 users were given the survey as they entered one of the five libraries; a total of 680 surveys were completed. It was found that (1) the largest proportion of individuals entering the libraries were underclassmen and students; (2) over three-fourths of the users at each of the libraries visited the library weekly; (3) respondents used the libraries the most often to study their own materials, to obtain information for research and/or class assignments, and to photocopy materials; and (4) most users said they were usually able to find the materials they were seeking in the library. This publication describes survey methodology and results, with tables showing responses to each survey item. Other results reported are concerned with specific libraries used most often and time of library use. A sample questionnaire is also provided. (Author/ESR)

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LIBRARY USE IN THE SCIENCE AND TECHNOLOGY LIBRARIES SPRING SEMESTER 1983

Linda T. Curran and Carole K. Holahan

RB-83-2

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LIBRARY USE IN THE SCIENCE AND TECHNOLOGY LIBRARIES SPRING SEMESTER 1983

Linda T. Curran and Carole K. Holahan

In the fall of 1982, Virginia Phillips, Assistant Director for Branch Services, contacted Dr. Carole K. Holahan, Associate Director of the Measurement and Evaluation Center (MEC), on behalf of the general libraries at The University of Texas at Austin. The libraries requested MEC technical assistance in the development and analysis of a library survey of science and technology library users. The survey was being conducted to ascertain the characteristics of the user population, user needs, and user satisfaction with library services in the five science and technology libraries. After the final version of the survey was agreed upon, the survey was administered on site by the libraries. The data were then summarized by Measurement and Evaluation staff and are presented in this report. Linda Curran was the MEC Research Associate involved in the project.

Method

Survey. The Survey of Library Use contained 21 items (see Appendix). The items asked users to indicate their classification, department, and why they were using the library. Also, respondents were asked how frequently and at what time they use the library. Respondents were asked to identify the libraries used most often, next most often, and third most often. In addition, users were asked their reasons for using more than one library and how frequently they found it necessary to use more than one library. Finally, users were asked to describe their experience in finding what they were looking for.

Administration of survey. During the week of February 14-20, 1983, the survey was conducted in the five science and technology libraries: Chemistry, Engineering, Geology, Physics-Mathematics-Astronomy (PMA), and

Science. The questionnaires were handed to five library users at each of the five libraries as they entered the library. The schedule for questionnaire administration is listed below:

Monday	1 p.m., 3 p.m., 5 p.m., 7 p.m., 9 p.m.
Tuesday-Wednesday	8 a.m., 10 a.m., 12 p.m., 2 p.m., 4 p.m., 6 p.m., 8 p.m.
Thursday	9 a.m., 11 a.m., 1 p.m., 3 p.m., 5 p.m., 7 p.m., 9 p.m.
Friday	9 a.m., 11 a.m.
Saturday	12 p.m., 2 p.m., 4 p.m.
Sunday	1 p.m., 3 p.m., 5 p.m., 7 p.m., 9 p.m.

Of the 900 surveys distributed, 680 were completed.

Description of the Sample. Of the 680 respondents, 112 (16.5%) were sampled from the Chemistry library, 136 (20.0%) from the Engineering library, 129 (19.0%) from the Geology library, 133 (19.6%) from the Physics-Mathematics-Astronomy (PMA) library, and 170 (25.0%) from the Science library. Almost half of the users were upperclassmen and one-fourth were graduate students (see Table 1). Faculty, lowerclassmen, and those who indicated they were in another category than the ones listed comprised a small proportion of the respondents.

The departmental affiliation of respondents at each of the five libraries is contained in Table 2. Fourteen individuals indicated that they were affiliated with more than one department and are not included in the table. Geological Sciences was most highly represented in the study (16.5%). The next most highly represented departments included: Electrical Engineering (8.7%), Civil Engineering (7.7%), Chemical Engineering (7.4%), Physics (5.7%), and Mechanical Engineering (4.9%). In addition, 16.8% indicated that they were in another department than the ones listed.

Table 1

Item 1. Classification

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Freshman	12 11.1%	4 3.0%	11 8.5%	12 9.0%	21 12.4%	60 8.9%
Sophomore	11 10.2%	8 5.9%	9 7.0%	24 18.0%	18 10.6%	70 10.4%
Junior	27 25.0%	37 27.4%	16 12.4%	19 14.3%	48 28.2%	147 21.8%
Senior	34 31.5%	40 29.6%	35 27.1%	21 15.8%	53 31.2%	183 27.1%
Graduate	18 16.7%	35 25.9%	46 35.7%	44 33.1%	19 11.2%	162 24.0%
Faculty	0 0.0%	2 1.5%	2 1.6%	9 6.8%	2 1.2%	15 2.2%
Other	6 5.6%	9 6.7%	10 7.8%	4 3.0%	9 5.3%	38 5.6%
Total	108 100.1%*	135 100.0%	129 100.1%*	133 100.0%	170 100.1%*	675 100.0%

*This figure differs from 100% only because of rounding error.

Table 2

Items 2 - 4. Department or School/College

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Aerospace Engineering & Engineering Mechanics	1 0.9%	7 5.4%	0 0.0%	5 4.0%	3 1.9%	16 2.5%
Architectural Engineering	0 0.0%	14 10.8%	0 0.0%	1 0.8%	0 0.0%	15 2.3%
Astronomy	0 0.0%	0 0.0%	0 0.0%	4 3.2%	0 0.0%	4 0.6%
Biomedical Engineering	0 0.0%	2 1.5%	0 0.0%	0 0.0%	1 0.6%	3 0.5%
Botany	0 0.0%	1 0.8%	0 0.0%	1 0.8%	7 4.4%	9 1.4%
Chemical Engineering	28 25.7%	7 5.4%	0 0.0%	8 6.4%	5 3.2%	48 7.4%
Chemistry	21 19.3%	4 3.1%	1 0.8%	2 1.6%	5 3.2%	33 5.1%
Civil Engineering	1 0.9%	45 34.6%	1 0.8%	2 1.6%	1 0.6%	50 7.7%
Computer Sciences	1 0.9%	2 1.5%	2 1.6%	7 5.6%	2 1.3%	14 2.2%
Electrical Engineering	2 1.8%	23 17.7%	0 0.0%	28 22.4%	3 1.9%	56 8.7%
Geological Sciences	4 3.7%	0 0.0%	98 78.4%	2 1.6%	3 1.9%	107 16.5%

Table 2 (continued)

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Home Economics	6 5.5%	0 0.0%	0 0.0%	0 0.0%	7 4.4%	13 2.0%
Marine Studies	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Mathematics	0 0.0%	1 0.8%	0 0.0%	8 6.4%	0 0.0%	9 1.4%
Mechanical Engineering	10 9.2%	14 10.8%	0 0.0%	5 4.0%	3 1.9%	32 4.9%
Microbiology	4 3.7%	0 0.0%	0 0.0%	0 0.0%	12 7.6%	16 2.5%
Nursing	4 3.7%	0 0.0%	0 0.0%	0 0.0%	4 2.5%	8 1.2%
Petroleum Engineering	7 6.4%	4 3.1%	10 8.0%	1 0.8%	1 0.6%	23 3.6%
Pharmacy	2 1.8%	0 0.0%	0 0.0%	2 1.6%	18 11.4%	22 3.4%
Physics	2 1.8%	0 0.0%	1 0.8%	34 27.2%	0 0.0%	37 5.7%
Zoology	3 2.8%	0 0.0%	0 0.0%	3 2.4%	17 10.8%	23 3.6%
Other	13 11.9%	6 4.6%	12 9.6%	12 9.6%	66 41.8%	109 16.8%
Total	109 100.0%	130 100.1%*	125 100.0%	125 100.0%	158 100.0%	647 100.0%

*This figure differs from 100% only because of rounding error.

In the Chemistry library, approximately 45% of the users were in either Chemical Engineering or Chemistry (see Table 2). Over 75% of the Geology library users were in Geological Sciences, and almost half of the PMA users were in either Physics or Electrical Engineering. The most frequently mentioned departments in the Science library were Pharmacy (11.4%) and Zoology (10.8%). In the Science library, 41.8% of the users reported that they were in a department other than the ones listed.

Table 3 presents the departmental responses by classification. The departments most frequently mentioned by lowerclassmen were: Electrical Engineering (16.0%), Geological Sciences (15.3%), Mechanical Engineering (9.7%), Chemical Engineering (7.3%), and Chemistry (5.6%). The departments most frequently mentioned by upperclassmen were: Chemical Engineering (9.1%), Civil Engineering (9.4%), Electrical Engineering (7.5%), and Zoology (5.6%). Over one-fifth of lowerclassmen and upperclassmen indicated that they were in a department other than those listed. Almost one-fourth of graduate students were in Geological Sciences; other frequently mentioned departments included: Physics (14.1%), Civil Engineering (10.3%), Electrical Engineering (6.4%), Chemistry (5.8%), Petroleum Engineering (5.8%), and Chemical Engineering (5.1%). One-fifth of faculty respondents were in Physics, and one-fifth were in Aerospace Engineering and Engineering Mechanics. Other department affiliations for faculty included: Aerospace Engineering and Engineering Mechanics, Astronomy, Mathematics, Botany, Chemistry, and Electrical Engineering. Of those classified as "other", 27.3% were in Geological Sciences, and 24.2% were in a department not listed.

Table 3

Items 2 - 4. Department or School/College

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Aerospace Engineering and Engineering Mechanics	3 2.4%	5 1.6%	5 3.2%	3 20.0%	0 0.0%	16 2.5%
Architectural Engineering	1 0.8%	11 3.4%	3 1.9%	0 0.0%	0 0.0%	15 2.3%
Astronomy	1 0.8%	1 0.3%	0 0.0%	2 13.3%	0 0.0%	4 0.6%
Biomedical Engineering	0 0.0%	0 0.0%	3 1.9%	0 0.0%	0 0.0%	3 0.5%
Botany	1 0.8%	5 1.6%	2 1.3%	1 6.7%	0 0.0%	9 1.4%
Chemical Engineering	9 7.3%	29 9.1%	8 5.1%	0 0.0%	2 6.1%	48 7.4%
Chemistry	7 5.6	13 4.1%	9 5.8%	1 6.7%	3 9.1%	33 5.1%
Civil Engineering	4 3.2%	30 9.4%	16 10.3%	0 0.0%	0 0.0%	50 7.7%
Computer Sciences	6 4.8%	4 1.3%	2 1.3%	0 0.0%	2 6.1%	14 2.2%
Electrical Engineering	20 16.1%	24 7.5%	10 6.4%	1 6.7%	1 3.0%	56 8.7%
Geological Sciences	19 15.3%	39 12.2%	38 24.4%	2 13.3%	9 27.3%	107 16.5%

Table 3 (continued)

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Home Economics	1 0.8%	10 3.1%	1 0.6%	0 0.0%	1 3.0%	13 2.0%
Marine Studies	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%	0 0.0%
Mathematics	0 0.0%	2 0.6%	5 3.2%	2 13.3%	0 0.0%	9 1.4%
Mechanical Engineering	12 9.7%	15 4.7%	4 2.6%	0 0.0%	1 3.0%	32 4.9%
Microbiology	1 0.8%	9 2.8%	5 3.2%	0 0.0%	1 3.0%	16 2.5%
Nursing	4 3.2%	4 1.3%	0 0.0%	0 0.0%	0 0.0%	8 1.2%
Petroleum Engineering	1 0.8%	13 4.1%	8 5.1%	0 0.0%	1 3.0%	23 3.6%
Pharmacy	2 1.6%	17 5.3%	2 1.3%	0 0.0%	1 3.0%	22 3.4%
Physics	5 4.0%	6 1.9%	22 14.1%	3 20.0%	1 3.0%	37 5.7%
Zoology	2 1.6%	16 5.0%	3 1.9%	0 0.0%	2 6.1%	23 3.6%
Other	5 20.2%	66 20.7%	10 6.4%	0 0.0%	8 24.2%	109 16.8%
Total	104 99.8%*	319 100.0%	156 100.0%	15 100.0%	33 99.9%*	647 100.0%

*This figure differs from 100% only because of rounding error.

Results

Tables 4-37 present the frequencies of the responses to the survey items concerning library use. The frequencies of responses are given for each of the five libraries sampled and for the total group. In addition, the frequencies of responses are tabulated by the following classifications: freshmen and sophomores (lowerclassmen), juniors and seniors (upperclassmen), graduate students, faculty and "others." The percentages in the tables are column percentages and represent the proportion of users in a library or classification that chose a particular response.

Reserve books. Nearly 60% of the total group indicated that they were in the library to use the reserve books (see Table 4). The Geology respondents (81.9%) used the reserve books more than any other library, followed by the Engineering library (65.6%). Approximately half the users at the PMA, Chemistry, and Science libraries used the reserved books. Almost 70% of the graduate students and 62.7% of the upperclassmen were in the library to use the reserved books as compared to only 41.7% of the lowerclassmen and 20.0% of the faculty (see Table 5).

Obtain information. Users were asked to indicate if they were using the library to obtain information for research and/or class assignments. Over 70% of the total group of respondents were using the library to obtain information (Table 6). The Geology library had the highest percentage (84.4%) of users obtaining information followed by the Engineering library (80.6%); the Chemistry library had the lowest percentage (61.9%). A high percentage of the graduate students (90.7%) and faculty (86.7%) and over half of the student classifications used the library to obtain information (see Table 7).

Table 4

Item 5. Are you using the library to use reserve books?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Yes	51 48.6%	84 65.6%	104 81.9%	60 48.0%	77 49.7%	376 58.7%
No	54 51.4%	44 34.4%	23 18.1%	65 52.0%	78 50.3%	264 41.3%
Total	105 100.0%	128 100.0%	127 100.0%	125 100.0%	155 100.0%	640 100.0%

Table 5

Item 5. Are you using the library to use reserve books?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Yes	50 41.7%	198 62.7%	108 68.8%	3 20.0%	20 55.6%	379 58.9%
No	70 58.3%	118 37.3%	49 31.2%	12 80.0%	16 44.4%	265 41.1%
Total	120 100.0%	316 100.0%	157 100.0%	15 100.0%	36 100.0%	644 100.0%

Table 6

Item 6. Are you using the library to obtain information for research and/or class assignments?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Yes	65 61.9%	108 80.6%	108 84.4%	81 64.8%	104 65.4%	466 71.6%
No	40 38.1%	26 19.4%	20 15.6%	44 35.2%	55 34.6%	185 28.4%
Total	105 100.0%	134 100.0%	128 100.0%	125 100.0%	159 100.0%	651 100.0%

Table 7

Item 6. Are you using the library to obtain information for research and/or class assignments?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Yes	63 51.6%	215 67.4%	147 90.7%	13 86.7%	31 83.8%	469 71.6%
No	59 48.4%	104 32.6%	15 9.3%	2 13.3%	6 16.2%	186 28.4%
Total	122 100.0%	319 100.0%	162 100.0%	15 100.0%	37 100.0%	655 100.0%

Check out books. Over half the users at all the libraries except the Science library were using the library to check out books (see Table 8). Only 40.0% of the Science library users were checking out books. Table 9 shows that a higher proportion of the graduate students (87.3%), faculty (66.7%), and "others" (70.3%) checked out books than did the upperclassmen (48.3%) and the lowerclassmen (51.6%).

Photocopy. At least 60% of the users at each of the libraries photocopy materials, with almost two-thirds of the total respondents using this service (see Table 10). The heaviest usage of photocopying machines was in the Chemistry library (72.4%), and the lightest usage was in the Science library (60.2%). The proportion of graduate students (77.2%) using the photocopying machines was the highest, while the proportion of lowerclassmen (52.8%) was the lowest (see Table 11).

Study own materials. Almost three-quarters of the total group indicated that they were using the library to study their own materials (see Table 12). Close to 80% of the users in both the Chemistry and the Science libraries were studying their own materials. The largest percentage of users not in the library to study their own materials was in the PMA library (34.9%). Less than 7% of the faculty were studying their own materials, while over 80% of the lowerclassmen and upperclassmen and over half of the graduate students were using the library to study their own materials (see Table 13).

Use magazines (periodicals). Almost half of the respondents were using the library to read magazines or periodicals. From Table 14 it can be seen that the Geology library had the highest proportion (61.6%) of respondents using magazines or periodicals while the Science library had the lowest (38.5%). The faculty (100.0%) and the graduate students (76.6%) used the magazines and periodicals more than the lowerclassmen (26.9%) and upperclassmen (36.8%), respectively (see Table 15).

Table 8

Item 7. Are you using the library to check out books?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Yes	54 51.4%	89 69.0%	89 69.5%	69 55.6%	62 40.0%	363 56.6%
No	51 48.6%	40 31.0%	39 30.5%	55 44.4%	93 60.0%	278 43.4%
Total	105 100.0%	129 100.0%	128 100.0%	124 100.0%	155 100.0%	641 100.0%

Table 9

Item 7. Are you using the library to check out books?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Yes	39 32.8%	153 48.3%	137 87.3%	10 66.7%	26 70.3%	365 56.6%
No	80 67.2%	164 51.7%	20 12.7%	5 33.3%	11 29.7%	280 43.4%
Total	119 100.0%	317 100.0%	157 100.0%	15 100.0%	37 100.0%	645 100.0%

Table 10

Item 8. Are you using the library to photocopy?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Yes	76 72.4%	90 69.8%	86 67.7%	79 63.2%	97 60.2%	428 66.2%
No	29 27.6%	39 30.2%	41 32.3%	46 36.8%	64 39.8%	219 33.8%
Total	105 100.0%	129 100.0%	127 100.0%	125 100.0%	161 100.0%	647 100.0%

Table 11

Item 8. Are you using the library to photocopy?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Yes	65 52.8%	208 65.4%	122 77.2%	9 60.0%	27 73.0%	431 66.2%
No	58 47.2%	110 34.6%	36 22.8%	6 40.0%	10 27.0%	220 33.8%
Total	123 100.0%	318 100.0%	158 100.0%	15 100.0%	37 100.0%	651 100.0%

Table 12

Item 9. Are you using the library to study own materials?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Yes	88 82.2%	89 68.5%	86 67.2%	82 65.1%	129 79.1%	474 72.5%
No	19 17.8%	41 31.5%	42 32.8%	44 34.9%	34 20.9%	180 27.5%
Total	107 100.0%	130 100.0%	128 100.0%	126 100.0%	163 100.0%	654 100.0%

Table 13

Item 9. Are you using the library to study own materials?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Yes	107 86.3%	269 82.8%	85 53.8%	1 6.7%	16 44.4%	478 72.6%
No	17 13.7%	56 17.2%	73 46.2%	14 93.3%	20 55.6%	180 27.4%
Total	124 100.0%	325 100.0%	158 100.0%	15 100.0%	36 100.0%	658 100.0%

Table 14

Item 10. Are you using the library to use magazines (periodicals)?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Yes	43 41.0%	69 53.5%	77 61.6%	58 46.4%	60 38.5%	307 48.0%
No	62 59.0%	60 46.5%	48 38.4%	67 53.6%	96 61.5%	333 52.0%
Total	105 100.0%	129 100.0%	125 100.0%	125 100.0%	156 100.0%	640 100.0%

Table 15

Item 10. Are you using the library to use magazines (periodicals)?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Yes	32 26.9%	116 36.8%	121 76.6%	15 100.0%	25 67.6%	309 48.0%
No	87 73.1%	199 63.2%	37 23.4%	0 0.0%	12 32.4%	335 52.0%
Total	119 100.0%	315 100.0%	158 100.0%	15 100.0%	37 100.0%	644 100.0%

23

Browse. A large proportion of the users (69.1%) were not in the library to browse (see Table 16). The Geology library had the most users browsing (46.4%), and the Chemistry library had the least (19.4%). As can be seen in Table 17, the faculty (46.7%), the graduate students (44.4%), and those in the "other" category (44.4%) did more browsing than the lowerclassmen (26.3%) and upperclassmen (23.9%).

Computer-based information services. A small proportion of the total group (8.4%) used the computer-based information services (see Table 18). The Engineering (12.8%) and the PMA (11.9%) libraries had the largest percentage of people using these services. Less than 4% of the Chemistry users and slightly more than 5% of the Science users availed themselves of the computer-based information services. As can be seen in Table 19, the graduate students (17.8%) and the faculty (13.3%) used the computer-based information services the most, while the lowerclassmen (6.0%) and upperclassmen (4.9%) used them the least.

Other uses. Respondents were also asked to indicate whether they were using the library for reasons not listed. Almost 30% of the total group were using the libraries for reasons other than those previously mentioned (see Table 20). A higher proportion of lowerclassmen (41.1%) and those in the "other" classification (35.5%) had reasons other than those listed for using the libraries than did the faculty (23.1%), graduate students (24.4%), and upperclassmen (26.7%).

Frequency. Users were asked how frequently they used the library. Over 80% of the total group used the libraries at least 1-3 times per week (see Table 22). The heaviest daily usage was in the Engineering library (36.8%) and Geology library (32.0%). The lowest daily usage was in the Science library (10.1%). The heaviest daily users were the graduate students (35.2%). Approximately 93% of the graduate students and 93% of the

Table 16

Item 11. Are you using the library to browse?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Yes	20 19.4%	32 26.0%	58 46.4%	42 35.3%	40 26.3%	192 30.9%
No	83 80.6%	91 74.0%	67 53.6%	77 64.7%	112 73.7%	430 69.1%
Total	103 100.0%	123 100.0%	125 100.0%	119 100.0%	152 100.0%	622 100.0%

Table 17

Item 11. Are you using the library to browse?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Yes	31 26.3%	73 23.9%	67 44.4%	7 46.7%	16 44.4%	194 31.0%
No	87 73.7%	233 76.1%	84 55.6%	8 53.3%	20 55.6%	432 69.0%
Total	118 100.0%	306 100.0%	151 100.0%	15 100.0%	36 100.0%	626 100.0%

Table 18

Item 12. Are you using the library to use computer based information services?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Yes	4 3.9%	16 12.8%	10 8.1%	14 11.9%	8 5.3%	52 8.4%
No	98 96.1%	109 87.2%	113 91.9%	104 88.1%	143 94.7%	567 91.6%
Total	102 100.0%	125 100.0%	123 100.0%	118 100.0%	151 100.0%	619 100.0%

Table 19

Item 12. Are you using the library to use computer based information services

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Yes	7 6.0%	15 4.9%	27 17.8%	2 13.3%	2 5.9%	53 8.5%
No	110 94.0%	290 95.1%	125 82.2%	13 86.7%	32 94.1%	570 91.5%
Total	117 100.0%	305 100.0%	152 100.0%	15 100.0%	34 100.0%	623 100.0%

Table 20

Item 13. Are you using the library for other reasons?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Yes	24 27.0%	37 32.2%	33 29.5%	32 31.1%	38 27.0%	164 29.3%
No	65 73.0%	78 67.8%	79 70.5%	71 68.9%	103 73.0%	396 70.7%
Total	89 100.0%	115 100.0%	112 100.0%	103 100.0%	141 100.0%	560 100.0%

Table 21

Item 13. Are you using the library for other reasons?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Yes	46 41.1%	75 26.7%	31 24.4%	3 23.1%	11 35.5%	166 29.4%
No	66 58.9%	206 73.3%	96 75.6%	10 76.9%	20 64.5%	398 70.6%
Total	112 100.0%	281 100.0%	127 100.0%	13 100.0%	31 100.0%	564 100.0%

Table 22

Item 14. How frequently do you use this library?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Daily	28 25.9%	49 36.8%	41 32.0%	23 17.3%	17 10.1%	158 23.5%
4 - 6 times per week	18 16.7%	25 18.8%	33 25.8%	25 18.8%	24 14.2%	125 18.6%
1 - 3 times per week	49 45.4%	44 33.1%	46 35.9%	59 44.4%	85 50.3%	283 42.2%
1 or 2 times per month	9 8.3%	11 8.3%	6 4.7%	22 16.5%	32 18.9%	80 11.9%
Once a semester or less	4 3.7%	4 3.0%	2 1.6%	4 3.0%	11 6.5%	25 3.7%
Total	108 100.0%	133 100.0%	128 100.0%	133 100.0%	169 100.0%	671 99.9%*

*This figure differs from 100% only because of rounding error.

faculty use the libraries at least 1-3 times per week, as compared to 84.2% of the upperclassmen, 74.8% of the lowerclassmen, and 79.0% of the "other" group (see Table 23).

Time of use. Over half of the respondents indicated they used the library at different times (see Table 24). The next most frequent response was the afternoon for the Chemistry (22.6%), Geology (17.8%), and Engineering (14.1%) libraries, and was the evening for the Science (22.2%) and PMA (17.8%) libraries. The respondents used the libraries the least during the weekend (2.7%). Over 45% of each of the class groups used the library at different times (see Table 25). The next most frequent time of use was the evening for the lowerclassmen (20.2%) and the graduate students (16.1%), and the afternoon for the upperclassmen (20.4%). The faculty preferred using the library in the morning (14.3%) and the afternoon (14.3%). Those in the "other" classification preferred mornings (13.5%) and evenings (13.5%).

Library used most often. The respondents were asked to indicate which library they used most often. For the total group, the Engineering and Perry-Castañeda libraries were used most often (17.5% and 17.2%, respectively). The highest proportion of those sampled in a particular library indicated they used that library the most (see Table 26). The lowerclassmen (27.3%) most often used the Perry-Castañeda library, and the faculty (53.3%) most often used the PMA library (see Table 27). The upperclassmen favored the Perry-Castañeda (19.8%) and the Engineering (19.1%) libraries. The graduate students (26.1%) and those in the "other" classification (32.4%) preferred the Geology library.

Table 23

Item 14. How frequently do you use this library?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Daily	22 16.8%	75 22.9%	57 35.2%	0 0.0%	6 15.8%	160 23.7%
4 - 6 times per week	22 16.8%	56 17.1%	39 24.1%	3 20.0%	5 13.2%	125 18.5%
1 - 3 times per week	54 41.2%	145 44.2%	55 34.0%	11 73.3%	19 50.0%	284 42.1%
1 or 2 times per month	24 18.3%	44 13.4%	8 4.9%	1 6.7%	3 7.9%	80 11.9%
Once a semester or less	9 6.9%	8 2.4%	3 1.9%	0 0.0%	5 13.2%	25 3.7%
Total	131 100.0%	328 100.0%	162 100.1%*	15 100.0%	38 100.1%*	674 99.9%*

*This figure differs from 100% only because of rounding error.

Table 24

Item 15. What time do you normally use this library?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Morning	16 15.1%	16 11.9%	9 7.0%	17 13.2%	13 7.8%	71 10.7%
Afternoon	24 22.6%	19 14.1%	23 17.8%	22 17.1%	27 16.2%	115 17.3%
Evening	7 6.6%	14 10.4%	15 11.6%	23 17.8%	37 22.2%	96 14.4%
Weekend	3 2.8%	1 0.7%	3 2.3%	5 3.9%	6 3.6%	18 2.7%
At different times	56 52.8%	85 63.0%	79 61.2%	62 48.1%	84 50.3%	366 55.0%
Total	106 99.9%*	135 100.1%	129 99.9%*	129 100.1%*	167 100.1%*	666 100.1%*

*This figure differs from 100% only because of rounding error.

Table 25

Item 15. What time do you normally use this library?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Morning	18 14.0%	44 13.4%	2 1.2%	2 14.3%	5 13.5%	71 10.6%
Afternoon	23 17.8%	67 20.4%	20 12.4%	2 14.3%	4 10.8%	116 17.3%
Evening	26 20.2%	39 11.9%	26 16.1%	0 0.0%	5 13.5%	96 14.3%
Weekend	3 2.3%	6 1.8%	6 3.7%	1 7.1%	2 5.4%	18 2.7%
At different times	59 45.7%	172 52.4%	107 66.5%	9 64.3%	21 56.8%	368 55.0%
Total	129 100.0%	328 99.9%*	161 99.9%*	14 100.0%	37 100.0%	669 99.9%*

*This figure differs from 100% only because of rounding error.

Table 26

Item 16. What library do you use most often?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Architecture	1 0.9%	1 0.8%	0 0.0%	1 0.8%	0 0.0%	3 0.5%
Chemistry	69 65.1%	5 3.8%	1 0.8%	6 4.7%	3 1.8%	84 12.7%
Classics	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	1 0.2%
Engineering	3 2.8%	96 72.2%	3 2.3%	11 8.5%	3 1.8%	116 17.5%
Geology	1 0.9%	1 0.8%	98 76.0%	3 2.3%	2 1.2%	105 15.9%
Perry-Castaneda	12 11.3%	16 12.0%	18 14.0%	28 21.7%	40 24.4%	114 17.2%
PMA	4 3.8%	1 0.8%	0 0.0%	56 43.4%	0 0.0%	61 9.2%
Science	4 3.8%	3 2.3%	1 0.8%	1 0.8%	84 51.2%	93 14.1%
Undergraduate	11 10.4%	10 7.5%	6 4.7%	21 16.3%	21 12.8%	69 10.4%
Other	1 0.9%	0 0.0%	2 1.6%	2 1.6%	10 6.1%	15 2.3%
Total	106 99.9%*	133 100.2%*	129 100.2%*	129 100.1%*	164 99.9%*	661 100.0%

*This figure differs from 100% only because of rounding error.

Table 27

Item 16. What library do you use most often?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Architecture	1 0.8%	1 0.3%	1 0.6%	0 0.0%	0 0.0%	3 0.5%
Chemistry	12 9.4%	45 13.9%	20 12.4%	1 6.7%	6 16.2%	84 12.6%
Classics	0 0.0%	1 0.3%	0 0.0%	0 0.0%	0 0.0%	1 0.2%
Engineering	13 10.2%	62 19.1%	34 21.1%	2 13.3%	6 16.2%	117 17.6%
Geology	14 10.9%	37 11.4%	42 26.1%	2 13.3%	12 32.4%	107 16.1%
Perry-Castañeda	35 27.3%	64 19.8%	13 8.1%	0 0.0%	2 5.4%	114 17.1%
PMA	9 7.0%	6 1.9%	35 21.7%	8 53.3%	3 8.1%	61 9.2%
Science	14 10.9%	59 18.2%	13 8.1%	1 6.7%	7 18.9%	94 14.1%
Undergraduate	26 20.3%	40 12.3%	2 1.2%	0 0.0%	1 2.7%	69 10.4%
Other	4 3.1%	9 2.8%	1 0.6%	1 6.7%	0 0.0%	15 2.3%
Total	128 99.9%*	324 100.0%	161 99.9%*	15 100.0%	37 99.9%*	665 100.1%*

*This figure differs from 100% only because of rounding error.

Library used second most often. Engineering users (34.1%) and Geology users (34.9%) expressed second preference for the Perry-Castañeda library (see Table 28). The Undergraduate library was used next most often by the Chemistry (27.9%) and Science (28.2%) library users, and the PMA library users preferred the PMA library (26.4%) next. The lowerclassmen (27.8%) and the upperclassmen (27.5%) preferred the Undergraduate library next (see Table 29). The Perry-Castañeda library was used next most often by the graduate students (36.6%) and "others" (25.0%). The faculty (42.9%) used the Engineering library next most often.

Library used third most often. The respondents sampled from the Science (25.8%) and the Geology (26.7%) libraries used the Undergraduate library third, while the PMA users (22.2%) preferred the Perry-Castañeda library (see Table 30). The Perry-Castañeda and the Undergraduate libraries were used third most often by the Chemistry users (21.2% and 20.2%, respectively) and the Engineering users (28.2% and 29.8%, respectively). The Undergraduate library was used third most often by the lowerclassmen (25.6%), the upperclassmen (25.8%), and the "other" group (22.6%). The Perry-Castañeda library was used third most often by the faculty (45.5%) and the graduate students (22.0%) (see Table 31).

Reasons for using the libraries. For the total group, the two most frequently cited reasons for using another library were to study their own materials (28.9%) and to obtain information for research and/or class assignments (26.2%) (see Table 32). As can be seen in Table 33, the lowerclassmen and the upperclassmen used other libraries to study their own materials (33.9% and 37.5%, respectively) and to obtain information (27.1% and 19.3%, respectively), while the two primary reasons for the graduate students and the faculty were to obtain information (34.8% and 53.8%,

Table 28

Item 17. Which library do you use next most often?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Architecture	2 1.9%	4 3.0%	0 0.0%	1 0.8%	2 1.2%	9 1.4%
Chemistry	15 14.4%	8 6.1%	3 2.4%	8 6.4%	18 11.0%	52 8.0%
Classics	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 0.6%	1 0.2%
Engineering	16 15.4%	24 18.2%	17 13.5%	26 20.8%	2 1.2%	85 13.1%
Geology	1 1.0%	1 0.8%	18 14.3%	0 0.0%	1 0.6%	21 3.2%
Perry-Castañeda	19 18.3%	45 34.1%	44 34.9%	27 21.6%	40 24.5%	175 26.9%
PMA	7 6.7%	18 13.6%	8 6.3%	33 26.4%	5 3.1%	71 10.9%
Science	14 13.5%	1 0.8%	12 9.5%	7 5.6%	41 25.2%	75 11.5%
Undergraduate	29 27.9%	29 22.0%	20 15.9%	19 15.2%	46 28.2%	143 22.0%
Other	1 1.0%	2 1.5%	4 3.2%	4 3.2%	7 4.3%	18 2.8%
Total	104 100.1%*	132 100.1%*	126 100.0%	125 100.0%	163 99.9%*	650 100.0%

*This figure differs from 100% only because of rounding error.

Table 29

Item 17. Which library do you use next most often?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Architecture	3 2.4%	5 1.5%	0 0.0%	0 0.0%	1 2.8%	9 1.4%
Chemistry	9 7.1%	32 9.9%	4 2.6%	2 14.3%	5 13.9%	52 8.0%
Classics	0 0.0%	0 0.0%	0 0.0%	0 0.0%	1 2.8%	1 0.2%
Engineering	7 5.6%	32 9.9%	33 21.6%	6 42.9%	8 22.2%	86 13.2%
Geology	7 5.6%	11 3.4%	2 1.3%	0 0.0%	1 2.8%	21 3.2%
Perry-Castañeda	30 23.8%	79 24.4%	56 36.6%	2 14.3%	9 25.0%	176 27.0%
PMA	21 16.7%	25 7.7%	17 11.1%	4 28.6%	4 11.1%	71 10.9%
Science	11 8.7%	41 12.7%	21 13.7%	0 0.0%	2 5.6%	75 11.5%
Undergraduate	35 27.8%	89 27.5%	15 9.8%	0 0.0%	5 13.9%	144 22.1%
Other	3 2.4%	10 3.1%	5 3.3%	0 0.0%	0 0.0%	18 2.8%
Total	126 100.1%*	324 100.1%*	153 100.0%	14 100.1%*	36 100.1%*	653 100.3%*

*This figure differs from 100% only because of rounding error.

Table 30

Item 18. Which library do you use third most often?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Architecture	1 1.0%	3 2.4%	3 2.5%	2 1.7%	4 2.6%	13 2.1%
Chemistry	13 13.1%	7 5.6%	6 5.0%	13 11.1%	24 15.5%	63 10.2%
Classics	1 1.0%	0 0.0%	0 0.0%	2 1.7%	1 0.6%	4 0.7%
Engineering	10 10.1%	12 9.7%	9 7.5%	18 15.4%	6 3.9%	55 8.9%
Geology	2 2.0%	4 3.2%	10 8.3%	2 1.7%	9 5.8%	27 4.4%
Perry-Castañeda	21 21.2%	35 28.2%	20 16.7%	26 22.2%	27 17.4%	129 21.0%
PMA	13 13.1%	12 9.7%	16 13.3%	21 17.9%	12 7.7%	74 12.0%
Science	13 13.1%	6 4.8%	13 10.8%	7 6.0%	19 12.3%	58 9.4%
Undergraduate	20 20.2%	37 29.8%	32 26.7%	18 15.4%	40 25.8%	147 23.9%
Other	5 5.1%	8 6.5%	11 9.2%	8 6.8%	13 8.4%	45 7.3%
Total	99 99.9%*	124 99.9%*	120 100.0%	117 99.9%*	155 100.0%	615 99.9%*

*This figure differs from 100% only because of rounding error.

Table 31

Item 18. Which library do you use third most often?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Architecture	2 1.7%	10 3.2%	1 0.7%	0 0.0%	0 0.0%	13 2.1%
Chemistry	12 9.9%	33 10.5%	15 10.6%	0 0.0%	4 12.9%	64 10.4%
Classics	2 1.7%	0 0.0%	1 0.7%	0 0.0%	1 3.2%	4 0.6%
Engineering	15 12.4%	20 6.4%	18 12.8%	2 18.2%	1 3.2%	56 9.1%
Geology	5 4.1%	14 4.5%	6 4.3%	0 0.0%	2 6.5%	27 4.4%
Perry-Castañeda	20 16.5%	68 21.7%	31 22.0%	5 45.5%	5 16.1%	129 20.9%
PMA	13 10.7%	37 11.8%	20 14.2%	0 0.0%	4 12.9%	74 12.0%
Science	14 11.6%	24 7.6%	12 8.5%	3 27.3%	5 16.1%	58 9.4%
Undergraduate	31 25.6%	81 25.8%	28 19.9%	1 9.1%	7 22.6%	148 23.9%
Other	7 5.8%	27 8.6%	9 6.4%	0 0.0%	2 6.5%	45 7.3%
Total	121 100.0%	314 100.1%*	141 100.1%*	11 100.1%*	31 100.0%	618 100.1%*

*This figure differs from 100% only because of rounding error.

Table 32

Item 19. If you find it necessary to use more than the library you are in, why?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
To use reserve books	6 6.7%	10 8.7%	16 13.4%	10 8.8%	22 15.3%	64 11.0%
To obtain information for research and/or class assignments	30 33.7%	24 20.9%	30 25.2%	30 26.3%	38 26.4%	152 26.2%
To check out books	8 9.0%	12 10.4%	11 9.2%	15 13.2%	16 11.1%	62 10.7%
To photocopy	1 1.1%	5 4.3%	3 2.5%	6 5.3%	3 2.1%	18 3.1%
To study own materials	24 27.0%	42 36.5%	26 21.8%	32 28.1%	44 30.6%	168 28.9%
To use magazines (periodicals)	4 4.5%	3 2.6%	13 10.9%	8 7.0%	2 1.4%	30 5.2%
To browse	1 1.1%	3 2.6%	6 5.0%	4 3.5%	2 1.4%	16 2.8%
To use computer-based information service	1 1.1%	4 3.5%	2 1.7%	0 0.0%	0 0.0%	7 1.2%
Other	14 15.7%	12 10.5%	12 10.1%	9 7.9%	17 11.8%	64 11.0%
Total	89 99.9%*	115 100.0%	119 99.8%*	114 100.1%*	144 100.1%*	581 100.1%*

*This figure differs from 100% only because of rounding error.

Table 33

Item 19. If you find it necessary to use more than the library you are in, why?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
To use reserve books	16 13.6%	35 12.3%	12 8.9%	0 0.0%	2 5.9%	65 11.1%
To obtain information for research and/or class assignments	32 27.1%	55 19.3%	47 34.8%	7 53.8%	11 32.4%	152 26.0%
To check out books	5 4.2%	28 9.8%	20 14.8%	3 23.1%	6 17.6%	62 10.6%
To photocopy	3 2.5%	13 4.6%	1 0.7%	0 0.0%	1 2.9%	18 3.1%
To study own materials	40 33.9%	107 37.5%	18 13.3%	0 0.0%	5 14.7%	170 29.1%
To use magazines (periodicals)	4 3.4%	6 2.1%	17 12.6%	1 7.7%	2 5.9%	30 5.1%
To browse	2 1.7%	8 2.8%	5 3.7%	1 7.7%	0 0.0%	16 2.7%
To use computer-based information service	0 0.0%	1 0.4%	6 4.4%	0 0.0%	0 0.0%	7 1.2%
Other	16 13.6%	32 11.3%	9 6.7%	1 7.7%	7 20.6%	65 11.1%
Total	118 100.0%	285 100.1%*	135 99.9%*	13 100.0%	34 100.0%	585 100.0%

*This figure differs from 100% only because of rounding error.

respectively) and to check out books (14.8% and 23.1%, respectively). For the "other" group, the two primary reasons were to obtain information (32.4%) and for reasons that were not listed (20.6%).

Frequency of use of other libraries. Users were asked to indicate how frequently they find it necessary to use more than one library. Almost half of the total group found it necessary to use more than one library at least 1-3 times per week (see Table 34). The lowest percentage of users who used another library at least 1-3 times per week were in the Geology library (39.5%). The highest proportion of users who used another library at least 1-3 times per week were in the PMA library (62.2%). A majority of the lowerclassmen and the upperclassmen used another library at least 1-3 times per week (see Table 35). The faculty (35.7%) and graduate students (42.7%) found it less necessary to use another library this often.

Finding materials. Users were asked to choose among those statements that best described their experience in finding what they were looking for. Over 70% of the total group indicated they were usually able to find what they were looking for (see Table 36). Less than 2% indicated that they were rarely able to find what they were looking for. The Engineering library had the lowest proportion (61.4%) of users usually able to find what they were looking for, and the Science library had the highest (82.1%). The faculty (86.7%) had the most frequent experience of being able to find what they were looking for, while the upperclassmen (2.5%) had the highest proportion rarely able to find what they were looking for (see Table 37).

Summary and Conclusions

The results show that the largest proportion of individuals entering the five libraries sampled were upperclassmen and graduate students. The faculty and lowerclassmen comprised a small proportion of those entering the library. It is likely that the faculty have their students or assistants

Table 34

Item 20. How frequently do you find it necessary to use more than one library?

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Daily	6 5.9%	7 5.3%	3 2.3%	8 6.3%	8 5.0%	32 4.9%
4 - 6 times per week	8 7.8%	12 9.1%	11 8.5%	13 10.2%	12 7.5%	56 8.6%
1 - 3 times per week	40 39.2%	44 33.3%	37 28.7%	58 45.7%	56 34.8%	235 36.1%
1 or 2 times per month	42 41.2%	52 39.4%	55 42.6%	33 26.0%	66 41.0%	248 38.1%
Once a semester or less	6 5.9%	17 12.9%	23 17.8%	15 11.8%	19 11.8%	80 12.3%
Total	102 100.0%	132 100.0%	129 99.9%*	127 100.0%	161 100.1%*	651 100.0%

*This figure differs from 100% only because of rounding error.

Table 35

Item 20. How frequently do you find it necessary to use more than one library?

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Daily	6 4.7%	19 5.9%	3 1.9%	0 0.0%	4 12.1%	32 4.9%
4 - 6 times per week	8 6.3%	29 9.0%	13 8.3%	1 7.1%	5 15.2%	56 8.6%
1 - 3 times per week	56 43.8%	120 37.3%	51 32.5%	4 28.6%	7 21.2%	238 36.4%
1 or 2 times per month	44 34.4%	122 37.9%	59 37.6%	9 64.3%	14 42.4%	248 37.9%
Once a semester or less	14 10.9%	32 9.9%	31 19.7%	0 0.0%	3 9.1%	80 12.2%
Total	128 100.1%*	322 100.0%	157 100.0%	14 100.0%	33 100.0%	654 100.0%

*This figure differs from 100% only because of rounding error.

Table 36

Item 21. Which of the following statements best describes your experience in finding what you are looking for? (MARK ONLY ONE)

Response	Library Sampled					Total
	Chemistry	Engineering	Geology	PMA	Science	
Usually able to find	77 74.0%	81 61.4%	92 71.3%	91 72.2%	133 82.1%	474 72.6%
Sometimes able to find	26 25.0%	46 34.8%	35 27.1%	33 26.2%	28 17.3%	168 25.7%
Rarely able to find	1 1.0%	5 3.8%	2 1.6%	2 1.6%	1 0.6%	11 1.7%
Total	104 100.0%	132 100.0%	129 100.0%	126 100.0%	162 100.0%	653 100.0%

63

Table 37

Item 21. Which of the following statements best describes your experience in finding what you are looking for? (MARK ONLY ONE)

Response	Classification					Total
	Lower Classmen	Upper Classmen	Graduate	Faculty	Other	
Usually find	91 72.2%	227 70.9%	116 72.5%	13 86.7%	28 80.0%	475 72.4%
Sometimes find	34 27.0%	85 26.6%	42 26.2%	2 13.3%	7 20.0%	170 25.9%
Rarely find	1 0.8%	8 2.5%	2 1.2%	0 0.0%	0 0.0%	11 1.7%
Total	126 100.0%	320 100.0%	160 99.9%*	15 100.0%	35 100.0%	656 100.0%

*This figure differs from 100% only because of rounding error.

do their library work. If this is the case, then a large percentage of these "indirect" users have not been included in this study.

A wide range of departments was represented by the users. In general, it appeared that each library was represented by users for whom it was intended. For example, most of the Geology library users were in the Geological Sciences department.

Overall, the three most frequently cited reasons for using the library were to study own materials, to obtain information for research and/or class assignments, and to photocopy. These three reasons were most frequently mentioned by the lowerclassmen and upperclassmen. For graduate students, the main reasons were to obtain information, to check out books, to photocopy, and to use magazines or periodicals. The faculty's main reasons were to use magazines or periodicals, to obtain information, and to check out books. In general, very few of the respondents were in the library to use the computer-based information services. The computer-based information services were, however, used the most often by the graduate students and faculty.

Overall, the five libraries are used regularly. Over 75% of the users at each of the libraries visit the library weekly. In addition, at least 75% of each classification visit the library weekly with the graduate students and the faculty being the most frequent users. Although the faculty comprise a small proportion of the users who entered the library, they are apparently frequent visitors. The users had no clear preference as to when they use the library with over half of them responding that they used the library at different times.

The libraries used most, second, and third (Items 16-18) differed for the libraries sampled and for the classifications. Those who were sampled in a particular library used that library the most. For the Chemistry library

users, the three libraries in order of preference were: Chemistry, Undergraduate, and Undergraduate/Perry-Castañeda. For the Engineering users, the three libraries were: Engineering, Perry-Castañeda and Undergraduate. For the Geology respondents, the order of preference was: Geology, Perry-Castañeda and Undergraduate libraries. The PMA respondents used the PMA library first and second and the Perry-Castañeda library third. The Science library users preferred the Science and the Undergraduate libraries. For the group as a whole, the most used libraries were Engineering and Perry-Castañeda. The second choice was Perry-Castañeda, while the third most used were the Undergraduate and Perry-Castañeda libraries.

The lowerclassmen, the upperclassmen, and the total group cited studying their own materials and obtaining information for research and/or class assignments as the two primary reasons for using another library. The graduate students and the faculty needed other libraries to obtain information and to check out books. Less than 4% of the total group needed another library to either photocopy, browse, or to use the computer based information services. In general, about half the respondents needed to use another library at least weekly.

When asked to describe their experience in finding what they were looking for, most of the users said that they were usually able to find the materials they were looking for; very few were rarely able to find what they were seeking.

Appendix

THE UNIVERSITY OF TEXAS AT AUSTIN
THE GENERAL LIBRARIES

SURVEY OF LIBRARY USE

During the week of February 14 - 20, the General Libraries is conducting a survey on the current use of science branch libraries. We would appreciate your taking a few minutes to answer the following questions and to return the completed form to the circulation desk.

Please respond to the questionnaire on the computer answer sheet provided using a No. 2 pencil to blacken the circle beneath the letter which corresponds to the answer you have chosen. Select only one option for each item.

1. Classification:

   A Freshman
   B Sophomore
   C Junior
   D Senior
   E Graduate
   F Faculty
   G Other

The academic departments are listed alphabetically under items 2 through 4. Please blacken the appropriate circle under one of these items. If you are a faculty member, please indicate department of appointment.

2.
   A Aerospace Engineering & Engineering Mechanics
   B Architectural Engineering
   C Astronomy
   D Biomedical Engineering
   E Botany
   F Chemical Engineering
   G Chemistry
   H Civil Engineering
   I Computer Sciences
   J Electrical Engineering

3.
   A Geological Sciences
   B Home Economics
   C Marine Studies
   D Mathematics
   E Mechanical Engineering
   F Microbiology
   G Nursing
   H Petroleum Engineering
   I Pharmacy
   J Physics

4.
   A Zoology
   B Other

Are you using the library to:

5.	Use reserve books	A Yes	B No
6.	Obtain information for research and/or class assignments	A Yes	B No
7.	Check out books	A Yes	B No
8.	Photocopy	A Yes	B No
9.	Study own materials	A Yes	B No
10.	Use magazines (periodicals)	A Yes	B No
11.	Browse	A Yes	B No
12.	Use computer based information services	A Yes	B No
13.	Other	A Yes	B No

14. How frequently do you use this library?

   A Daily
   B 4-6 times per week
   C 1-3 times per week
   D 1 or 2 times per month
   E Once a semester or less

15. What time do you normally use this library?

   A Morning
   B Afternoon
   C Evening
   D Weekend
   E At different times

(over)

16. What library do you use most often?

A Architecture
B Chemistry
C Classics
D Engineering
E Geology
F Perry-Castaneda
G Physics-Mathematics-Astronomy
H Science
I Undergraduate
J Other

17. Which library do you use next most often? (Use options above)

18. Which library do you use third most often? (Use options above)

19. If you find it necessary to use more than the library you are in, why?

A To use reserve books
B To obtain information for research and/or class assignments
C To check out books
D To photocopy
E To study own materials
F To use magazines (periodicals)
G To browse
H To use computer-based information service
I Other

20. How frequently do you find it necessary to use more than one library?

A Daily
B 4-6 times per week
C 1-3 times per week
D 1 or 2 times per month
E Once a semester or less

21. Which of the following statements best describes your experience in finding what you are looking for? (MARK ONLY ONE)

A I am usually able to find what I am looking for.
B I am sometimes able to find what I am looking for.
C I am rarely able to find what I am looking for.

THANK YOU FOR YOUR COOPERATION